

20020310.qrp v02_n490.qrl.20020310

Date: Sun, 10 Mar 2002 19:03:09 EST
From: qrp-l@Lehigh.EDU
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: QRP-L digest 2490

QRP-L Digest 2490

Topics covered in this issue include:

- 1) [121713] Re: PSK31 is not all -- any diff due to hardware/software?
by "Adrian Weiss" <aweiss@usd.edu>
- 2) [121714] Re: PSK31 is not all it's cracked up to be
by "DTX" <dtx@wood.tzo.com>
- 3) [121715] Fox- Final Log K4FB
by Paul Womble <pwomble1@tampabay.rr.com>
- 4) [121716] Re: SSB filter from cheap xtals
by "Jim Kortge, K8IQY" <jokortge@prodigy.net>
- 5) [121717] Re: Binaural Receiver
by "Steve/n0tu" <n0tu@codenet.net>
- 6) [121718] Ahhh... It worketh!
by "Rob Matherly" <kc0bom@arrl.net>
- 7) [121719] OT: Pic of TenTec Orion
by "Dean Rachwitz" <drachwitz@cox.net>
- 8) [121720] Re: FS FT817
by <n2go@arrl.net>
- 9) [121721] Re: OT: Pic of TenTec Orion
by Dave Richards <wr3i@earthlink.net>
- 10) [121722] Re: OT: Pic of TenTec Orion
by Dave Richards <wr3i@earthlink.net>
- 11) [121723] PSK 31 considerations for reliable results
by "Stuart Rohre" <rohre@arlut.utexas.edu>
- 12) [121724] Component Identification
by "Jason Hissong" <jhisson1@columbus.rr.com>
- 13) [121725] FS: MilSurplus mast & vhf lpa
by Niel Skousen <skousen@srv.net>
- 14) [121726] Re: SSB filter from cheap xtals
by "Leon Heller" <leon_heller@hotmail.com>
- 15) [121727] Re: Dipoles, Windoms, Loops, oh my
by "Gordon Cougar" <gcouger@provalue.net>
- 16) [121728] Ref. LPT1 Output Pulse Voltage
by George Franklin <w0av@juno.com>
- 17) [121729] Re: PSK31 is not all it's cracked up to be
by "John" <jlockj@earthlink.net>
- 18) [121730] Re: Ref. LPT1 Output Pulse Voltage/PITA Applications
by George Franklin <w0av@juno.com>
- 19) [121731] Re: Component Identification

- by John Wagner <john@wagner-usa.net>
- 20) [121732] Re: PSK31 is not all it's cracked up to be
by Jeff <fantbb@yahoo.com>
- 21) [121733] Re: Component Identification
by "Jason Hissong" <jhisson1@columbus.rr.com>
- 22) [121734] meaux help needed
by hamjoel@juno.com
- 23) [121735] Re: Binaural Receivers
by Marcus C Leatham <leatham1@juno.com>
- 24) [121736] FS: OHR 40m Explorer II
by Randy Moore <wrmoore47@comcast.net>
- 25) [121737] Re: OHR 40m Explorer II
by Randy Moore <wrmoore47@comcast.net>
- 26) [121738] Re: PSK31 is not all -- any diff due to hardware/software?
by W2AGN <w2agn@pobox.com>
- 27) [121739] Re: PSK31 is not all it's cracked up to be
by "KU4YP" <ku4yp@earthlink.net>
- 28) [121740] Re: PSK31 is not all it's cracked up to be
by wkhibbert@juno.com
- 29) [121741] TenTec Orion & 60m band proposal
by John Harper AE5X <ae5x@qsl.net>
- 30) [121742] Trade Laptop for rig
by <n2go@arrl.net>
- 31) [121743] Re: TenTec Orion & 60m band proposal
by <n2go@arrl.net>
- 32) [121744] Re: TenTec Orion & 60m band proposal
by John Harper AE5X <ae5x@qsl.net>
- 33) [121745] Re: TenTec Orion & 60m band proposal
by Mike <mmorrow@companet.net>
- 34) [121746] Woodpecker on 15 meters?
by Brad Mitchell <n8yg@yahoo.com>
- 35) [121747] ORION
by <n2go@arrl.net>
- 36) [121748] [FOX] WR50 Truffle Announcement
by "Dave WR50" <dendav@dzdn.com>
- 37) [121749] RE: Woodpecker on 15 meters?
by K1epj@aol.com
- 38) [121750] Re: Woodpecker on 15 meters?
by Hank Kohl K8DD <k8dd@arrl.net>
- 39) [121751] Re: Woodpecker on 15 meters?
by "V Cortina" <vcortina@hvc.rr.com>
- 40) [121752] Pesky Texan Armadillo Chase - Update (Sunday March 10)
by "N1LN" <n1ln@earthlink.net>
- 41) [121753] Re: TenTec Orion & 60m band proposal
by "George, W5YR" <w5yr@att.net>
- 42) [121754] Re: ORION
by "Mark J. Dulcey" <mark@buttery.org>
- 43) [121755] Re: PSK31 is not all it's cracked up to be

by <duffy01@fuse.net>

44) [121756] Re: Woodpecker on 15 meters?
by William R Colbert <w5xe@juno.com>

45) [121757] Re: PSK31 is not all it's cracked up to be
by "John J. McDonough" <wb8rcr@arrl.net>

46) [121758] Re: TenTec Orion & 60m band proposal
by "Richard Brummer, K2JQ" <k2jq@rcn.com>

47) [121759] Re: Orion - variable filter
by William R Colbert <w5xe@juno.com>

48) [121760] Re: Woodpecker on 15 meters?
by Dave Sjolín <sjolin@swbell.net>

49) [121761] Re: TenTec Orion & 60m band proposal
by "Mark J. Dulcey" <mark@buttery.org>

50) [121762] Re: Woodpecker on 15 meters?
by "Pastor-KC1DI" <elbc@pivot.net>

51) [121763] Re: Woodpecker on 15 meters?
by Brad Mitchell <n8yg@yahoo.com>

52) [121764] Re: Woodpecker on 15 meters?
by Jim Campbell <jim-c@nc.rr.com>

53) [121765] Re: Woodpecker on 15 meters?
by "Jason Hissong" <jhisson1@columbus.rr.com>

54) [121766] Get our bearings
by ARDUJENSKI@aol.com

55) [121767] K1- Fitting Sizes
by "Pat J. Whelton" <pwhelton@hal-pc.org>

56) [121768] Re: Get our bearings
by W2AGN <w2agn@pobox.com>

57) [121769] Re: Binaural Receivers
by Marcus C Leatham <leatham1@juno.com>

58) [121770] Re: PSK31 is not all -- any diff due to hardware/software?
by John R Kirby <n3aaz-qrp@juno.com>

59) [121771] GOT DX?
by "Rod N0RC" <rod@n0rc.com>

60) [121772] RE: Woodpecker on 15 meters?
by tf3vst@vortex.is (Villi Idunni)

61) [121773] multiband dipole question
by Gary Lee <kb9zuv@arrl.net>

62) [121774] PSK & them other digits
by nilsbull@juno.com

63) [121775] Woodpecker? Azimuth?
by Glen Reid <k5fx@arrl.net>

64) [121776] Re: K1- Fitting Sizes
by "Rod N0RC" <rod@n0rc.com>

65) [121777] Re: Cap Kits
by "Larry Przyborowski" <k3peg@yahoo.com>

66) [121778] Woodpecker on 15 meters!
by David Gilson <kd3em@velocity.net>

Date: Sun, 10 Mar 2002 02:39:16 GMT
From: "Adrian Weiss" <aweiss@usd.edu>
To: qrp-l@Lehigh.EDU
Subject: [121713] Re: PSK31 is not all -- any diff due to hardware/software?
Message-ID: <GSQF5E00.51A@mail.usd.edu>

Hi all- -- interesting thread because, as usual, I am slow to slide into something new, especially if I have to install a soundcard etc.

So, are the differences in reported results and assessments in any way attributable to the PSK31 hardware being used. I don't know enough to know whether there is just one "kit" out there or if there is a selection. I noticed the Warbler design at \$45, and a PSK- design up on Small Wonder Labs for \$100. There must be a significant difference here in performance -- or isn't there?

What say?

72 Ade W0RSP

Date: Sat, 9 Mar 2002 16:46:52 -0800
From: "DTX" <dtx@wood.tzo.com>
To: <qrp-l@lehigh.edu>
Subject: [121714] Re: PSK31 is not all it's cracked up to be
Message-ID: <01d801c1c7cd\$12049d80\$0c00a8c0@home>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

I'll add my 2 cents worth to John's reply, since he was the last in the list of replies. But to the original poster Jeff and those following the thread, remember what Peter was trying to accomplish when he developed psk31. It was to get a near real time conversational mode using digital technology and processing. He did not like the trend towards store and forward mail boxes. And for that it does work extremely well. As a matter of fact, I think it is a ragchewers dream mode<G>. While you are sending I can get up and go get a fresh coke and come back and not miss a word. Or answer the phone and keep on with the QSO in progress. Those are kind of difficult to do on CW or SSB, right? And there are better modes for weak signals with path disorttion. But they are a bit more sluggish than psk31.

But it was not intended to be a fast turn around mode for contesting. CW and SSB do both of those quite well, thank you very much, and a pair of good

operators in either mode will have the exchange completed before the de in "CQ CQ CQ de WA6DTX" ever appears on your screen. I would imagine a real "Contest Event" in psk31 to be an excersize in fultility best suited for devout masochists ;-)

Another area that psk31 shines is lots of close signals. For instance, put 5 stations of approximately equal strength in 200hz. If they are psk signals, I will just pick the one I want and carry on. Ducksoup. And I don't even have to hear any of them ;-)

How well does that work with CW? It certainly isn't trivial. And if some are psk31 and some are CW, which operator will have the easier road to travel?

But I commend you for trying new modes and drawing your own conclusions. Why, I even tried CW for a few months in the early '60's<G> It wasn't my cup of tea and apparently psk isn't yours. Doesn't make either one of us right or wrong....or a better ham, for that matter.

Gary WA6DTX

----- Original Message -----

From: "W2AGN" <w2agn@pobox.com>

To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>

Sent: Saturday, March 09, 2002 2:51 PM

Subject: Re: PSK31 is not all it's cracked up to be

> On Saturday 09 March 2002 17:15, Jeff wrote:

>

> >

> > Interesting to note that those of us who aren't
> > jumping on the PSK31 bandwagon and question whether it
> > is all it's been made out to be are taking some shots
> > here.

>

>

> --

> While I enjoy it as a change, I much prefer CW, myself. However, I have found

> PSK31 to be an excellent weak signal mode. I think the problem was your
> suggestion that because it didn't work for you, you think "it's not all
it's

> cracked up to be." Like any other mode, a large part of success is the
> operator. It is the same as a 5 wpm CW op saying "cw is not what it's
cracked

> up to be because I can't copy those 20 wpm signals."

>

> So perhaps it IS more appropriate to take the shots at the op, rather than
> the mode?

>

>
> -----
>
> John L Sielke W2AGN
>
> w2agn@pobox.com
>
> <http://mywebpages.comcast.net/w2agn>
>
> Trustee: W3IYQ
>

Date: Sat, 09 Mar 2002 20:02:48 -0500
From: Paul Womble <pwomble1@tampabay.rr.com>
To: Foxii <qfox@egroups.com>, QRP-L <qrp-l@lehigh.edu>
Subject: [121715] Fox- Final Log K4FB
Message-ID: <3C8AB0B8.650D245E@tampabay.rr.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

2:01 N5ZE 559 TX LEW 5W
2:01 N1TP 559 FL TOM 5W
2:02 K4TJD 559 GA TOM 5W
2:03 K8KFJ 559 WV GARY 5W
2:03 N9NE 559 WI TODD 5W
2:04 K0EVZ 559 ND DOC 5W
2:05 AJ4AY 559 AL JAY 4W
2:06 W4BQP 559 NC JIM 5W
2:07 W5USJ 559 TX CHUCK 5W
2:07 WA8BXN 559 OH MIKE 5W
2:08 N4ROA 559 VA DAN 1W
2:09 AC5JH 559 OK TOM 5W
2:09 K3IU 559 RI KEN 5W
2:10 AA50 599 LA VERN 5W
2:11 W0UFO 559 MN MERT 5W
2:11 N0UR 559 MN JIM 5W
2:12 KR2F 559 NY VINNY 5W
2:13 W0CH 559 MO DAVE 900MW
2:13 W9XU 559 WI LON 5W
2:14 N1FN 559 CO ET 5W
2:14 N3ZPQ 559 OH FRANK 4W
2:15 AD4IH 559 FL JOE 5W
2:16 K4BYF 559 FL JACK 5W

2:18 K4GT 559 GA JIM 5W
2:18 N4MAP 559 GA SAM 5W
2:19 KR5C 559 TX GEORGE 5W
2:20 N0AR 559 MN SCOTT 5W
2:21 KD5KXF 559 TX MIKE 5W
2:22 K5JHP 559 TX BILL 5W
2:23 K5EOA 559 LA WAYNE 5W
2:24 N9IJ 559 IL LEN 5W
2:25 K8CV 559 MI WALT 5W
2:27 WV9N 559 OH RANDY 5W
2:27 W2XN 559 FL FRED 5W
2:28 W5YR 559 TX GEORGE 5W
2:29 N2WW 559 CO LARRY 5W
2:30 K3PH 559 PA BOB 5W
2:31 W9FR 559 IN NOEL 5W
2:33 K5SR 559 TX DAVE 5W
2:33 W0RSP 569 SD ADE 4W
2:34 N5IB 559 LA JIM 5W
2:35 K9DC 559 IN DAVE 5W
2:35 W0PWE 559 IA JERRY 5W
2:36 WB6BWZ 579 GA MATT 5W
2:37 K5DI 559 NM KARL 5W
2:38 WA9TZE 559 WI JIM 5W
2:39 WD5CMA 559 LA GLORIA 5W
2:39 K0PC 559 MN PAT 5W
2:40 N5YFC 559 LA WAYNE 5W
2:41 K4NK 559 SC LES 3W
2:42 NK9G 599 WI RICK 5W
2:43 KK5LD 559 TX DAN 5W
2:44 XE1YJL 599 XE LUIS 40W
2:45 AF4AT 599 NC JIM 5W
2:46 K2PQ 559 NJ FRANK 5W
2:47 W5TB 599 TX DOC 5W
2:48 AB0CD 559 CO DICK 5W
2:48 W5YW 599 LA MIKE 5W
2:49 KQ5U 559 TX TERRY 5W
2:50 W5YA 559 NM FRED 5W
2:53 W9HL 559 IL RANDY 5W
2:56 KR5N 559 TX MARCUS 5W
2:58 WE9K 559 WI GLENN 5W
2:59 AF4LQ 595 KY MIKE 5W
3:00 K5DW 559 TX DON 5W
3:01 K9OZ 559 IL BRUCE 5W
3:02 NU8S 559 OH DENNIS 5W
3:03 N9AW 559 WI JERRY 5W
3:05 KC9LC 559 VA RANDY 5W
3:07 WR5O 559 TX DAVE 5W
3:07 AF4PS 599 FL MAC 3W

3:09 KB9LGJ 559 CA TIM 5W
3:10 K0WV 579 MN BILL 200
3:12 NX8C 559 MI NEIL 5W
3:13 AA7XA 559 OR FRANK 5W
3:16 K7TQ 559 ID RANDY 5W
3:17 VE3FAL 559 ON FRED 5W
3:18 KF0N 559 IA LARRY 4W
3:18 AF4PP 599 GA CHUCK 5W
3:19 KI0II 559 CO RON 5W
3:20 KV2X 559 NY TOM 5W
3:21 KG4LDY 559 VA JIM 5W
3:21 K4ADI 559 SC FRANK 5W
3:22 N0RC 559 CO ROD 5W
3:23 NV4V 559 KY PETE 5W
3:23 W8RU 559 MN RON 5W
3:24 N0DSP 559 CO TOM 5W
3:25 NK6A 559 CA BOB 5W
3:27 VE4WI 559 MB CRAIG 5W
3:28 VE5RC 559 SK BRUCE 5W
3:29 NM5M 559 TX ERIC 5W
3:30 KJ0C 559 MO JIM 5W
3:32 KC1FB 559 CT JIM 5W
3:33 N0HRL 559 MN KEN 5W
3:37 NN5E 559 TX VERN 5W
3:37 KB7WW 559 OR ART 5W
3:41 VA6RF 559 AB EARL 5W
3:42 N3BJ 559 VA ALAN 5W
3:42 N1Q0 559 VT JOHN 5W
3:44 AG0T 339 ND TODD 4W
3:45 W7ILW 559 AZ WALT 5W
3:45 N7CQR 559 OR DAN 5W
3:47 K5KW 569 OK DON 5W
3:59 KC0ATC 559 CO CHRIS 5W
4:00 VE6EX 559 AB DAN 5W
4:00 K4FB 559 FL PAUL 5W

Date: Sat, 09 Mar 2002 20:29:04 -0500
From: "Jim Kortge, K8IQY" <jokortge@prodigy.net>
To: ddorn@cwis.net
Cc: qrp-1@lehigh.edu
Subject: [121716] Re: SSB filter from cheap xtals
Message-ID: <5.1.0.14.1.20020309202400.00a8a0a0@pop.prodigy.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

At 05:36 PM 3/9/02 -0600, you wrote:

>Have any of you tried making a SSB IF filter out of microprocessor
>xtals? I have made several pretty good filters for CW but am having
>trouble with the wider bandwidth. The one I have been playing with today
>is made from five closely matched 9 MHz xtals and 130 PF caps. The
>bandwidth at the -6 dB points is about 1800 Hz and the sides are pretty
>steep but the top has entirely too much ripple. I have tried a wide
>range of terminating resistance but no success. Any suggestions?
>73,
>Don K5AAR

Don,

Without knowing more about the crystals, it's hard to suggest what to do. By any chance have you measured the crystal parameters for these units? If so, what are they? I'd be more than happy to do some quick simulations to tell you if you are getting all that can reasonably expect from them, or if there are changes that you can make to create a better filter. Without the parameter information, there is not much one can do beyond what you have tried.

72,

Jim, K8IQY

Date: Sat, 9 Mar 2002 18:55:31 -0700
From: "Steve/n0tu" <n0tu@codenet.net>
To: <qrp-l@Lehigh.EDU>
Subject: [121717] Re: Binaural Receiver
Message-ID: <000d01c1c7d6\$a936e380\$6a211d82@agilent.com>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

I like the idea of simplicity and DC receivers! I've heard good things about this BinRx!

I've acquired most of the parts over the last year and getting ready to do a scratch built version myself. Been holding out for a kewl looking case or box. I think finding the time and the motivation is the hard part and probably real reason for my slow start.

Wondering if there would be any interest in a team build? I've done this before with ham friends it's really kinda FUN! AND it keeps you going! I've several unfinished project/items that seem to impose guilt cuz I've never finished 'em! But to do it w/friends is more fun.

We could just start a distribution list of builders and email progress reports to each other or just post 'em here?

The BinRx would be a perfect mate for the TT2! Kinda the Back-to-Basics combo. Besides Doug/W1FB would be proud of our efforts! I can't wait to listen to the Binaural effect! In addition this would inspire me to move on to more states w/my TT2. Comments?

Steve/n0tu

----- Original Message -----

From: "Jim Stamper" <jstamper@shentel.net>

To: <n0tu@mail.codenet.net>; "Low Power Amateur Radio Discussion" <>

Sent: Saturday, March 09, 2002 2:32 PM

Subject: Re: Binaural Receiver

> Works for me.

> 73,

> jim-

> KG4LDY

> ----- Original Message -----

> From: "Steve_Galchutt" <n0tu@mail.codenet.net>

> To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>;

> <jstamper@shentel.net>

> Sent: Saturday, March 09, 2002 4:38 PM

> Subject: RE: Binaural Receiver

>

>

> > I've acquired most of the parts over the last year and getting ready to do

> a scratch built version. Been holding for a kewl looking case or box. But

> finding the time is the hard part and the real reason for my slow start I

> think.

> >

> > Wondering if there be any interest in a team build? I've done this before

> with friends it's FUN! AND it keeps you going! I've several unfinished items

> that seem to impose guilt cuz I've never finished 'em!

> >

> > We could just start a distribution list of builders and email progress
> reports to each other or just post 'em here?
> >
> > The BinRx would be a perfect mate for the TT2! Kinda the Back-to-Basics
> combo. I can't wait to listen to the Binaural effect!
> >
> > Comments?
> >
> > Steve/n0tu
> >
> >
> > ----- Original Message -----
> > From: "Jim Stamper" <jstamper@shentel.net>
> > Reply-To: jstamper@shentel.net
> > Date: Sat, 9 Mar 2002 14:35:23 -0500
> >
> > > Wonder if anybody has built the binaural receiver in last year's ARRL
> > > Handbook or has experience with the Kanga kit for the same.
> > >
> > > 73,
> > > jim-
> > > KG4LDY
> > > James H. Stamper
> > > 519 Park Avenue
> > > Woodstock, VA 22664-1260
> > > 540-459-8350
> > >
> > >
> >
> > --
> > Steve/n0tu
> > --
> >
>
>

Date: Sat, 09 Mar 2002 20:52:26 +0000
From: "Rob Matherly" <kc0bom@arrl.net>
To: fpqrp-L@fpqrp.com
Cc: rathbun-area-hams@yahooogroups.com, qrp-L@lehigh.edu
Subject: [121718] Ahhh... It worketh!
Message-ID: <200203100255.g2A2t2d20873@mail.iowasocean.com>
MIME-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7bit

After some twiddling with what loads when I turn on my computer and some much appreciated info from my ISP's techie, I got Arachne working!

It's a little slow, but nothing to freak out over.

Main drawback I am noticing is that it converts all picture formats to .bmp format before it displays them in the browser (to save resources or something). No animated .gif's for me I suppose :) Tables don't display 100% correctly, but that's not a big deal for me.

As far as the e-mail client goes, it's pretty neat. No automatic spellchecking unfortunately though :^)

Now it's back to trying to get Moe-DOS working...

72/73/oo

Rob, kc0bom

visit my website! <http://www.qsl.net/kc0bom>

-- This mail was written by user of The Arachne Browser - <http://arachne.cz/>

-- Arachne V1.70;rev.3, NON-COMMERCIAL copy, <http://arachne.cz/>

Date: Sat, 9 Mar 2002 20:27:01 -0700

From: "Dean Rachwitz" <drachwitz@cox.net>

To: <qrp-1@lehigh.edu>

Subject: [121719] OT: Pic of TenTec Orion

Message-ID: <000201c1c7e3\$71780840\$ad750244@cx1219300a>

MIME-Version: 1.0

Content-Type: text/plain;

charset="iso-8859-1"

Content-Transfer-Encoding: 7bit

There's now a picture of the new Orion on the TenTec site - I don't recall seeing it there yesterday.

<http://www.tentec.com/TT565.htm>

73,

Dean

K7ADN

Date: Sat, 9 Mar 2002 17:41:39 -0500 (EST)
From: <n2go@arrl.net>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [121720] Re: FS FT817
Message-ID: <Pine.LNX.4.33.0203091740510.272-100000@valhalla.v>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

The FT 817 will be moving to CT. Thanks to all that responded.

73,

Jim n2go

Date: Sat, 09 Mar 2002 22:52:40 -0500
From: Dave Richards <wr3i@earthlink.net>
To: "Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>,
drachwitz@cox.net
Subject: [121721] Re: OT: Pic of TenTec Orion
Message-ID: <WS0IXTE064VPFDC8C9ZSRWIDE0XS1Y.3c8ad888@sony>
MIME-Version: 1.0
Content-Type: text/plain; charset="iso-8859-1"

Does this mean I will be replacing my ft100d????

I for one will be watching this progress

Thanks for the page

Dave

W1QB

3/9/2002 10:27:01 PM, "Dean Rachwitz" <drachwitz@cox.net> wrote:

>There's now a picture of the new Orion on the TenTec site - I don't recall
>seeing it there yesterday.

>

><http://www.tentec.com/TT565.htm>

>

>73,

>Dean

>K7ADN

>

>

Date: Sat, 09 Mar 2002 22:59:23 -0500
From: Dave Richards <wr3i@earthlink.net>
To: "Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>,
wr3i@earthlink.net
Subject: [121722] Re: OT: Pic of TenTec Orion
Message-ID: <4XTSHGFOLVWDOMIA8YTGCWRWNMQ.3c8ada1b@sony>
MIME-Version: 1.0
Content-Type: text/plain; charset="iso-8859-1"

ft1000d sorry

dave

3/9/2002 10:52:40 PM, Dave Richards <wr3i@earthlink.net> wrote:

>Does this mean I will be replacing my ft100d????

> I for one will be watching this progress

>Thanks for the page

>Dave

>W1QB

>

>3/9/2002 10:27:01 PM, "Dean Rachwitz" <drachwitz@cox.net> wrote:

>

>>There's now a picture of the new Orion on the TenTec site - I don't recall

>>seeing it there yesterday.

>>

>><http://www.tentec.com/TT565.htm>

>>

>>73,

>>Dean

>>K7ADN

>>

>>

>

>

>

>

Date: Sat, 9 Mar 2002 22:26:22 -0600
From: "Stuart Rohre" <rohre@arlut.utexas.edu>
To: "Jeff" <fantbb@yahoo.com>

Cc: <qrp-1@Lehigh.EDU>

Subject: [121723] PSK 31 considerations for reliable results

Message-ID: <004801c1c7eb\$bc0b3e60\$4e100a0a@rohredt2000>

Jeff,

The overwhelming experience down in the central part of the state of TX is just opposite to yours. Perhaps I can point you to some factors that could be affecting your situation?

As you are a 6 and Norcal member, I guess you are likely out west or even in CA? Then, you suffer the Left coast problems of some parts of the world are going to be harder for you to work, just as some of Asia is hard for me to work being so many thousand more mis. east of you.

An antenna like a long wire, or random wire can be very directional off one end, and if not provided with a suitable counterpoise, or radial system, will give lack luster results. You mention more than one antenna, are any of them gain antennas with omni directional character? Or are they low antennas, quarter wave vertical without ground plane or radial screen, etc? Dipoles suffer from only two main directions, but can be more omni if less effective when low. Quarter wave verticals and unbalanced antennas suffer from depending on the RF character of your earth reference rather than being complete antennas with balanced nature such as the dipole is. Beams if tuned correctly, and quads give outstanding gain, but are of most use on higher bands, because of large size needed on lower bands.

My own experiences were bad results using long wires, random wire, in both desert climate and in a tropic climate. Lack of good RF earth in both the near field and far field was the cause in both cases. If I had put in radials, I would have improved results. Loops are good for they are balanced, and suppress noise present in many urban areas from electric sources. I have had very good all around results with horizontal loops of several wavelengths on the higher bands. They did not have to be high to work down here, but that might also be RF ground dependent in your location.

Now besides antenna factors, ie do not use unidirectional wire to work all directions from west coast, there are the usual rig filter setting issues, and proper choice of operating time to maximize the state of the band being stable for the band in use. What band were you using with bad results on PSK 31? Are you sure the rig you used is frequency stable enough?

Most rigs will warm up, and then be most stable. Considering the narrow band PSK signal, you do want a good radio in this aspect. PSK 31 can support very low signal levels, if they are stable levels. Often you can see a spectra of such a signal you cannot hear on the speaker of the radio.

At peak times on 20m, I have no trouble finding QSOs and completing them with this mode. I operate early evening typically when doing this, and 20m

has settled in for some hours of propagation gradually moving to my west. With that and the other considerations, I have not seen any problems. Sure, any mode will lose a contact now and then. If you lose more than you make with audible signals both ways, check your program settings, rig settings and any other factor like an antenna problem.

GL and 72,
Stuart K5KVH

Date: Sun, 10 Mar 2002 00:46:00 -0500
From: "Jason Hissong" <jhisson1@columbus.rr.com>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [121724] Component Identification
Message-ID: <007a01c1c7f6\$dc1a2df0\$6501a8c0@caladan>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Hi guys,

I know this has already been posted recently, and I tried to look through the archives, but is there a good online source for identifying transistors and ceramic caps? I know that color coded resistors are easy as well as color coded inductors (good old radio shack resistor identifier). I attempted to identify the caps with my meter, but I tested the meter with known value caps and it was not right...

I have some transistors that I bought a while ago, but forget what they were (NPN, PNP.. Hfe etc)...

Oh, and BTW, thanks for everyone who responded on my antenna question, I think I will just stay with what I have. The amount of work to bring the thing down and put up a new one is probably not worth it. However, it would probably be a good idea for me to add another dipole facing NS (the current one is EW).

Or maybe work out a phasing type arrangement (where I can get some gain.) I think I read somewhere that someone set up 4 sloping dipoles and switched the dipoles around and got gain (using one as a director and the other as a driven element)... that would be neat...

Thanks es 72!

Jason Hissong

N8XE

Date: Sat, 09 Mar 2002 23:27:35 -0700
From: Niel Skousen <skousen@srv.net>
To: qrp-1@lehigh.edu, wswss@mailman.qth.net
Subject: [121725] FS: MilSurplus mast & vhf lpa
Message-ID: <5.1.0.14.1.20020309231838.00abd640@mail.srv.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

Hi All

I've got a military surplus field mast and VHF LogPeriodic kit for sale

I don't have the mil number, but 7 el LPA looks to cover 6m & 2m (40-180 Mhz ?)
Mast is about 24', is in field 'roll'kit canvas package which includes mast sections, baseplate, guys, guy anchors, cable, LPA and flip mount (horiz & vert, switch-able while raised) guys are on slip ring so that azimuth 'arm-strong' rotor should work well.

antenna and mast are in near perfect condition. 'roll kit' is 4'x1' and weighs 40#.

For VHF hill-top operations this would be near perfect.... At least that was my plan !!

Not real sure what this is worth, was hoping to get \$175 plus shipping, but open to offers.

Thanks Niel

Date: Sun, 10 Mar 2002 11:07:13 +0000
From: "Leon Heller" <leon_heller@hotmail.com>
To: ddorn@cwis.net, qrp-1@Lehigh.EDU
Subject: [121726] Re: SSB filter from cheap xtals
Message-ID: <F106G5TbBi9iUy9os7U00004cb3@hotmail.com>
Mime-Version: 1.0
Content-Type: text/plain; format=flowed

>From: DONALD DORN <ddorn@cwis.net>

>Reply-To: ddorn@cwis.net
>To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
>Subject: SSB filter from cheap xtals
>Date: Sat, 09 Mar 2002 17:36:23 -0600
>
>Have any of you tried making a SSB IF filter out of microprocessor
>xtals? I have made several pretty good filters for CW but am having
>trouble with the wider bandwidth. The one I have been playing with today
>is made from five closely matched 9 MHz xtals and 130 PF caps. The
>bandwidth at the -6 dB points is about 1800 Hz and the sides are pretty
>steep but the top has entirely too much ripple. I have tried a wide
>range of terminating resistance but no success. Any suggestions?
>73,
>Don K5AAR

You probably need to use a different configuration. I forget which is which,
but of the two commonly used ones - Chebyshev and Butterworth spring to mind
- one has a better shape factor and worse passband ripple and the other is
vice versa.

73, Leon

--

Leon Heller, G1HSM Tel: +44 1327 359058 Email:leon_heller@hotmail.com
My web page: http://www.geocities.com/leon_heller
My low-cost Altera Flex design kit: <http://www.leonheller.com>

Join the world s largest e-mail service with MSN Hotmail.
<http://www.hotmail.com>

Date: Sun, 10 Mar 2002 07:25:30 -0600
From: "Gordon Cougar" <gcouger@provalue.net>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [121727] Re: Dipoles, Windoms, Loops, oh my
Message-ID: <05ff01c1c837\$0cc702d0\$ab2dccd0@home>
MIME-Version: 1.0
Content-Type: text/plain;
charset="Windows-1252"
Content-Transfer-Encoding: 7bit

A wire 66 feet long fed with coax 16.5 feet from one end will work well on
20 and 40. The swr on 40 is about 3 to 1 at 40 feet it might be lower and 2
to 1 on 20. It is broad side on forty and endfire on 20. At 40 feet high
some of the radiation is going to go straight up or up at a high angel so

you will get some NIVS response and it won't be too directional on forty but it should have good gain off the long end on 20.

I wish I could take credit for the design but I built it by accident to fit it in the attic of a house and when it tuned up the way it did I ran it though EZNEC and saw that it was a lot better than I expected it to be. Particularly on 20 I had put a second wire under it for 20 and left it long to trim to frequency I tuned the long wire for 40 and then checked 20 and it was 2 to 1 swr and I knew the second wire was too long. When I swept the antenna the second wire was resonate at 13 MHz. That's when I went back to check the antenna. The only reason it was long enough for 40 meters was I had to make it that long to have a place to tie off.

73

Gordon W5RED

----- Original Message -----

From: "Jason Hissong" <jhisson1@columbus.rr.com>

To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>

Sent: Thursday, March 07, 2002 8:03 AM

Subject: Dipoles, Windoms, Loops, oh my!

: Hi guys,

:

: Spring is coming and I have been contemplating upgrading/replacing the Alpha

: Delta DXLB+. The candidates are a Carolina Windom 40 (yea, the one the
: broke the record), the Super Loop 40, or building a Skyloop. Question is,
: which is better? I have heard that the Superloop (or loops in general)
are

: less noisy than dipoles. I have also heard that the Windom does great as
a

: DX antenna. Comments? I cannot put a tower up (not because of CCR's, my
: town is very nice about towers, but because of \$\$\$\$). Will I notice any
: difference between the dipole I have now, and one of the antennas
mentioned

: above? I have about 70' between two trees to play with and about 55'
: between a mast that I installed (about 6 feet) and one of the trees. The
: antenna will be installed about 40 feet. The DXLB+ is a trapped dipole.

:

: Thanks es 73

: Jason

:

: N8XE

: K2 #1270 looking for a new antenna

:

:

Date: Sun, 10 Mar 2002 07:52:04 -0600
From: George Franklin <w0av@juno.com>
To: qrp-1@lehigh.edu
Subject: [121728] Ref. LPT1 Output Pulse Voltage
Message-ID: <20020310.075205.-1457717.2.w0av@juno.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Hello Fellow QRPers,

I'm attempting to get an MFJ432 Voice Keyer to interface with a 386 laptop computer running TRLLOG (DOS program), but can't get the LPT1 output to trigger the 4N25 optocouplers I use to activate the four canned voice messages in the MFJ.

F keys in the TRLLOG program activate pins 3,4,5 and 6 on LPT1, and it should work but doesn't.

I can blip the 4N25 inputs with an external 2VDC and the keyer talks normally.
Also, the interconnect cable from the MFJ to LPT1 is straight through and all wires have continuity.

My questions is: What should be the positive output pulse voltage on the above pins when the F keys are depressed, and should it be a single positive pulse or a continuous positive DC voltage as long as the key is held down?

I can't measure any voltage at all. I've tried three different computers so far.

As you can see from the above, I'm hardly a computer expert.

TIA and 72/73/74,

de George/W0AV
Hamming since '35
SOC#101, COG#1, PITA (# TBA)

Date: Sun, 10 Mar 2002 08:39:11 -0600

From: "John" <jlockj@earthlink.net>
To: <qrp-1@lehigh.edu>
Subject: [121729] Re: PSK31 is not all it's cracked up to be
Message-ID: <000301c1c841\$58aac2e0\$bb95fea9@p400>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Some of the frustration operating QRP PSK31 is due to using receiver IF bandwidths greater than 250 Hz. With the popularity of this mode, there's a high likelihood of strong adjacent signals knocking out the desired signals when using 2.4 kHz or even 500 Hz IF filters.

73,

John W0DC

Date: Sun, 10 Mar 2002 09:00:44 -0600
From: George Franklin <w0av@juno.com>
To: k8dd@arrl.net
Cc: qrp-1@lehigh.edu
Subject: [121730] Re: Ref. LPT1 Output Pulse Voltage/PITA Applications
Message-ID: <20020310.090044.-1701797.1.w0av@juno.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Hi Hank,

Yep, I have all the TRLOG documentation including the interface info, but I'm not sure the interface setup in the program is running properly on the laptop.

That's why I was inquiring about the LPT1 voltages.

Used the MFJ432 Voice Keyer in several contests with great results (saved my voice) but want to use F keystrokes instead of punching the little red buttons.

I'm basically a CW man myself, but do play SSB once in a while.

Thanks for your response.

72/73/74 de George/W0AV

Hamming since '35
K2 SN 550
SOC#101, COG#1, PITA (# TBA)

PS: For you other PITA's out there, membership is the PITA Society is now open; send your e-mail applications with qualifications for immediate consideration and action by yours truly (Keeper of the PITA Roster).. So far, I plan to claim PITA #1

GFF

Date: Sun, 10 Mar 2002 10:06:21 -0500
From: John Wagner <john@wagner-usa.net>
To: <jhisson1@columbus.rr.com>,
Low Power Amateur Radio Discussion <qrp-1@lehigh.edu>
Subject: [121731] Re: Component Identification
Message-ID: <B8B0E09D.8E0%john@wagner-usa.net>
Mime-version: 1.0
Content-type: text/plain; charset="US-ASCII"
Content-transfer-encoding: 7bit

Jason,

Paul Harden, NA5N (an active member of this list) has an excellent tutorial/info sheet on capacitor identification. It's on the GQRP site as a PDF file - I don't have the URL handy, but a Google search should turn it up.

73,

John, N1QO

> From: "Jason Hissong" <jhisson1@columbus.rr.com>
> Reply-To: jhisson1@columbus.rr.com
> Date: Sun, 10 Mar 2002 00:46:00 -0500
> To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
> Subject: Component Identification
>
> Hi guys,
>
> I know this has already been posted recently, and I tried to look through
> the archives, but is there a good online source for identifying transistors
> and ceramic caps? I know that color coded resistors are easy as well as
> color coded inductors (good old radio shack resistor identifier). I
> attempted to identify the caps with my meter, but I tested the meter with
> known value caps and it was not right...

>
> I have some transistors that I bought a while ago, but forget what they were
> (NPN, PNP.. Hfe etc)...

>
> Oh, and BTW, thanks for everyone who responded on my antenna question, I
> think I will just stay with what I have. The amount of work to bring the
> thing down and put up a new one is probably not worth it. However, it would
> probably be a good idea for me to add another dipole facing NS (the current
> one is EW).

>
> Or maybe work out a phasing type arrangement (where I can get some gain.) I
> think I read somewhere that someone set up 4 sloping dipoles and switched
> the dipoles around and got gain (using one as a director and the other as a
> driven element)... that would be neat...

>
> Thanks es 72!

>
> Jason Hissong
> N8XE
>
>

Date: Sun, 10 Mar 2002 07:06:46 -0800 (PST)
From: Jeff <fantbb@yahoo.com>
To: qrp qrp <qrp-1@lehigh.edu>
Subject: [121732] Re: PSK31 is not all it's cracked up to be
Message-ID: <20020310150646.13798.qmail@web10007.mail.yahoo.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii

--- John <jlockj@earthlink.net> wrote:
> Some of the frustration operating QRP PSK31 is due
> to using receiver IF
> bandwidths greater than 250 Hz. With the popularity
> of this mode, there's a
> high likelihood of strong adjacent signals knocking
> out the desired signals
> when using 2.4 kHz or even 500 Hz IF filters.

Hmmm, that is an interesting point! That would explain
signals disappearing that I have seen happen. I'll put
in some filtering and see what happens.

jeff

=====

AB6MB

NorCal QRP Club #65, QRP-L #1780, ARCI 10071

Radical FIST Member 6798

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Date: Sun, 10 Mar 2002 10:16:05 -0500

From: "Jason Hissong" <jhisson1@columbus.rr.com>

To: <john@wagner-usa.net>,

"Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>

Subject: [121733] Re: Component Identification

Message-ID: <003f01c1c846\$7fccf910\$6501a8c0@caladan>

MIME-Version: 1.0

Content-Type: text/plain;

charset="iso-8859-1"

Content-Transfer-Encoding: 7bit

John,

Thanks! Here is the link: <http://www.g4wif.fsnet.co.uk/na5n.pdf>

(Posted to the link in case others would like it)

Jason

----- Original Message -----

From: "John Wagner" <john@wagner-usa.net>

To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>

Sent: Sunday, March 10, 2002 10:06 AM

Subject: Re: Component Identification

> Jason,

>

> Paul Harden, NA5N (an active member of this list) has an excellent

> tutorial/info sheet on capacitor identification. It's on the GQRP site as
> a

> PDF file - I don't have the URL handy, but a Google search should turn it
> up.

>

> 73,

>
> John, N1QO
>
> > From: "Jason Hissong" <jhisson1@columbus.rr.com>
> > Reply-To: jhisson1@columbus.rr.com
> > Date: Sun, 10 Mar 2002 00:46:00 -0500
> > To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
> > Subject: Component Identification
> >
> > Hi guys,
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> > the dipoles around and got gain (using one as a director and the other
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> > driven element)... that would be neat...
> >
> > Thanks es 72!
> >
> > Jason Hissong
> > N8XE
> >

> >
>

Date: Sun, 10 Mar 2002 10:14:19 -0500
From: hamjoel@juno.com
To: fpqrp-1@mpna.com, qrp-1@lehigh.edu
Subject: [121734] meaux help needed
Message-ID: <20020310.101603.-191187.0.hamjoel@juno.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

the truck is a gmc with fuel injection and the noise stays about the same
from idle to cruise, less of course ah takes off the ant then it all
stops and the receiver sounds great...

ke1la joel
in maine

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<http://dl.www.juno.com/get/web/>.

Date: Sun, 10 Mar 2002 09:22:33 -0600
From: Marcus C Leatham <leatham1@juno.com>
To: qrp-1@Lehigh.EDU
Cc: qrp-1@Lehigh.EDU
Subject: [121735] Re: Binaural Receivers
Message-ID: <20020310.092234.1696.0.leatham1@juno.com>
MIME-Version: 1.0
Content-Type: text/plain
Content-Transfer-Encoding: 7bit

I haven't listened to a binaural receiver,
but I am trying to imagine what it could sound
like.

>From previous descriptions indicating that
"signals pan from one side to the other as

you tune," does that mean that all the low frequency tones end up on one side and the high frequency tones end up on the other side?

Wouldn't that get annoying after a while?
I get disturbed when I listen to stereo music with all the bass on one side. I'd be reversing my headphones every now and then to equalize the wear and tear on my ears.

I can see how it would help to separate CW signals by adding spatial panorama to the usual pitch difference, but I was hoping it was something more, something to go WOW about. Is it a WOW? How much better is it? Pse tell me why....

Does it help to "center" an SSB signal, if you don't know what someone's natural voice sounds like? In this case, how critical is the "balance" between L and R volume? Or is it done more with phasing?

This is not a flame, this is a quest for info.

Thanks,
Marcus KR5N

Date: Sun, 10 Mar 2002 09:30:25 -0600
From: Randy Moore <wrmoore47@comcast.net>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [121736] FS: OHR 40m Explorer II
Message-ID: <004901c1c848\$7ff88b00\$efb43e44@cc824108a>
MIME-version: 1.0
Content-type: text/plain; charset=iso-8859-1
Content-transfer-encoding: 7BIT

Great little 40m cw superhet tranceiver. Can be setup for 70 khz coverage anywhere in the 40m band (currently setup for the low end). Has a +/- 1 khz RIT - just great for Fox hunting. Has front panel adjustable variable bandwidth filter (~350 hz - 1500 hz) that works great! Outstanding QSK. About 2-3 watts output, depending on power supply voltage. I've added a K8 keyer and its single button control is on the front panel. The K8 has my call programmed into it, but I think you can upgrade to a K9 with your own

call for \$8 <http://members.aol.com/k1e1/k9info.html>

The rig is in excellent cosmetic and functional condition. You can see a picture at: <http://mywebpages.comcast.net/wrmoore47/OHREII.jpg>

73,
Randy, KS4L

Randy Moore Huntsville, AL

Date: Sun, 10 Mar 2002 09:31:20 -0600
From: Randy Moore <wrmoore47@comcast.net>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [121737] Re: OHR 40m Explorer II
Message-ID: <005201c1c848\$a0f07c00\$efb43e44@cc824108a>
MIME-version: 1.0
Content-type: text/plain; charset=iso-8859-1
Content-transfer-encoding: 7BIT

Sorry, forgot to say the price is \$90 plus shipping.

73, Randy

Date: Sun, 10 Mar 2002 08:29:00 -0500
From: W2AGN <w2agn@pobox.com>
To: Adrian Weiss <aweiss@usd.edu>,
Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [121738] Re: PSK31 is not all -- any diff due to hardware/software?
Message-ID: <0203100829000Q.02221@jsielke>
MIME-version: 1.0
Content-type: text/plain; charset=iso-8859-1
Content-transfer-encoding: 7BIT

On Saturday 09 March 2002 21:39, Adrian Weiss wrote:

> Hi all- -- interesting thread because, as usual, I am slow to slide
> into something new, especially if I have to install a soundcard etc.
>
> So, are the differences in reported results and assessments in any
> way attributable to the PSK31 hardware being used. I don't know
> enough to know whether there is just one "kit" out there or if

> there is a selection. I noticed the Warbler design at \$45, and
> a PSK- design up on Small Wonder Labs for \$100. There must
> be a significant difference here in performance -- or isn't there?
>
> What say?
>
> 72 Ade W0RSP

--

The Warbler is a simple 80M design, bare essentials" rig. I have made quite a few 80M PSK31 contacts with mine. The PSK20 and 30 (I think there are others) is a more "technically advanced" design with a couple more stages, hence the extra cost.

Actually, the K2 is a super PSK31 rig. I have also found the SG-2020, while practically worthless on CW, is a great PSK rig, specifically because of it's failings for CW (BROAD IF filter).

If anything, the differences are more likely in the software than in the hardware. Before Digipan, the original PSK31 software was challenging to use, to say the least.

John L Sielke W2AGN

w2agn@pobox.com

<http://mywebpages.comcast.net/w2agn>

Trustee: W3IYQ

Date: Sun, 10 Mar 2002 10:32:19 -0500
From: "KU4YP" <ku4yp@earthlink.net>
To: "Low Power Amateur Radio Discussion" <qrp-1@lehigh.edu>
Subject: [121739] Re: PSK31 is not all it's cracked up to be
Message-ID: <002301c1c848\$c61749a0\$29591b3f@ku4yp>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

hello all,

since this seems to be a \$.02 type of discussion, i figured i'd throw mine in.

the only "problem" i have found with psk31 is the fact that a strong adjacent signals will make all other signals low or un-readable. i guess kind of like a "capture effect," although that may be the wrong term for this.

however, i have had a ball on this mode and have been able to work pretty much any signal i could copy. i find the qso's more enjoyable as they are more of a "ragchew" than a basic exchange of information.

as far as contests, i think because of what is mentioned above a strong station near you could take you out of a contest quickly unless you somehow filter the stronger signals out. i have yet to find an effective way to do this.

all in all, it's a new mode that i have enjoyed. at qrp levels, it has seemed to be an effective mode when the strong signals on the band are not present. when the strong signals are there, i have just not been able to make the haul on 5 watts or less.

this is my humble opinion, you mileage may vary.

best wishes to all. looking forward to the summer fox hunts. got a very nice hw-9 station going (thanks mike) and i'm excited to be a "hound."

73 de KU4YP "There is no spoon....."
Mike Prevatt
Willow Oak, Florida
Amateur Radio Operator
Active HF/VHF/UHF/Digital/QRP

Date: Sun, 10 Mar 2002 10:39:08 -0500
From: wkhibbert@juno.com
To: fantbb@yahoo.com
Cc: qrp-l@lehigh.edu
Subject: [121740] Re: PSK31 is not all it's cracked up to be
Message-ID: <20020310.104511.-385239.0.wkhibbert@juno.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Hi Jeff. Keith here in the Depths of the Great Bergen Swamp

PSK-31 is an acquired taste, and what's nice about the cornucopia of new modes is that one can pick and choose.

I find that the wide "window" in the Digipan software leaves one prone to losing signals from adjacent QRM. It seems to be more of an AGC problem than a software problem. I have had some success with the IF shift to help the soundcard out.

What's recently been doing on PSK are PSK-31 beacons on 10 Meters. I don't have the BeaconNET list on this account, and don't recall the URL, but take a look with Dogpile or Google and check out BeaconNET. An interesting tool for propagation studies.

Another PSK-31 use is open-squelch FM PSK-31. There was an article in the October 2000 QST in "Technical Correspondence" (Page 81) by Butch Mason, W6KAG in HI. In a nutshell he was successful with other ops on the islands to run with FM rigs in open-squelch mode on non-optical paths. They used Digipan for the software, omni antennae and powers from 5 watts to 40 watts for the paths. Similar attempts on FM voice had required indirect paths via reflection of the signals from ridges and BIG beams and power.

I ran a couple of quick tests last winter with an Icom IC-2A at this end (2.5 watts) and a J-Pole at 25 feet, and the setup at the other end of a 100 mile path was a Kenwood TM-241 mobile at 20 watts to a Diamond dualband base vertical. We made the path about 60% of the time. I think that the higher success rate that Butch reported was helped by the over-the-water paths that he was using, but Jim and I have never made the path on simplex even with stacked Cushcraft beams on each end. I am at 600' ASL and Jim is at 420' ASL with an 1800' ASL ridge between us almost in mid-path. Needless to say, I copied Jim more often than he copied me, but it worked.

On 20M, I am running 3 - 5 watts to an OCF 1-wave wire. I have seen similar results to what you have, and some days that I can't miss and work everyone. I'll stick with PSK-31, but I am not abandoning my CW and Phone. PSK-31 is a LOT easier on my arthritic wrists!

73, Wm. Keith Hibbert, WB2VUO, TC/WNY ARRL Section
President, Brockport Amateur Radio Klub
"My night light runs more power than my Rig!!!"
mailto:wb2vuo@arrl.net

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<http://dl.www.juno.com/get/web/>.

Date: Sun, 10 Mar 2002 10:55:24 -0500
From: John Harper AE5X <ae5x@qsl.net>
To: QRP-L <qrp-l@lehigh.edu>
Subject: [121741] TenTec Orion & 60m band proposal
Message-ID: <000301c1c84b\$fdd9db20\$6401a8c0@JOHN>
MIME-version: 1.0
Content-type: text/plain; charset=iso-8859-1
Content-transfer-encoding: 7BIT

Sounds like an interesting rig but even more interesting is the ad's mention of the possibility of a new band soon being available (60 meters). Online information of the status of this proposal is scarce but I sure hope it becomes a reality. Looks like the specific freq range under consideration is from 5150-5400 kHz. I bet it'd be a great QRP band...

John Harper AE5X
Outdoor QRP & Lowband DXing: <http://www.qsl.net/ae5x>

Date: Sun, 10 Mar 2002 06:31:10 -0500 (EST)
From: <n2go@arrl.net>
To: <qrp-l@Lehigh.EDU>
Subject: [121742] Trade Laptop for rig
Message-ID: <Pine.LNX.4.33.0203100613290.500-1000000@valhalla.v>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

I have a Toshiba PII-400 with 10G HD, Floppy,CD, 256M ram, ethernet, 56K modem
plus two docking stations with power supplies.(toshiba 10/100 network port replicator model PA2724U
With the docking stations you can leave everything connected to the docking station and just slide the computer into it. It has S/P/2 usb/mon/kb/mouse/gamer/ethernet/headset/mic and audio outputs on the dock. In other words you keep all the radios connected to the dock :)
The docks are new and have keys.

The laptop is excellent and has some warranty time on it. It was never signed to my name and can be transferred. Model Tecra 8000
PN PAT80RU-4851 beautiful big screen.

Purchased to bring work home, my wife will say it was a toy. She'll tell you I never work :) No marks, scratches or wear. Smokefree environment.

73,

Jim n2go

Date: Sun, 10 Mar 2002 06:33:16 -0500 (EST)
From: <n2go@arrl.net>
To: John Harper AE5X <ae5x@qsl.net>
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [121743] Re: TenTec Orion & 60m band proposal
Message-ID: <Pine.LNX.4.33.0203100632220.500-100000@valhalla.v>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

5150Khz ? That would be some *big* antenna :)

73,

Jim n2go

Date: Sun, 10 Mar 2002 11:24:08 -0500
From: John Harper AE5X <ae5x@qsl.net>
To: n2go@arrl.net
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [121744] Re: TenTec Orion & 60m band proposal
Message-ID: <000a01c1c850\$01853310\$6401a8c0@JOHN>
MIME-version: 1.0
Content-type: text/plain; charset=iso-8859-1
Content-transfer-encoding: 7BIT

Only about 89 feet for a 1/2-wave dipole.

John Harper AE5X
Outdoor QRP & Lowband DXing: <http://www.qsl.net/ae5x>

----- Original Message -----
From: <n2go@arrl.net>

To: "John Harper AE5X" <ae5x@qsl.net>
Cc: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Sent: Sunday, March 10, 2002 6:33 AM
Subject: Re: TenTec Orion & 60m band proposal

> 5150Khz ? That would be some *big* antenna :)
>
> 73,
>
> Jim n2go
>
>

Date: Sun, 10 Mar 2002 10:17:23 -0600
From: Mike <mmorrow@companet.net>
To: n2go@arrl.net
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [121745] Re: TenTec Orion & 60m band proposal
Message-ID: <3C8B8712.DED@companet.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

n2go@arrl.net wrote:

> 5150Khz ? That would be some *big* antenna :)

???

A half-wave dipole would only be about 90 feet long. Not too bad!

I wouldn't expect to see a 60 meter ham band anytime soon, though.

Mike / KK5F

Date: Sun, 10 Mar 2002 08:35:18 -0800 (PST)
From: Brad Mitchell <n8yg@yahoo.com>
To: qrp-1@lehigh.edu
Subject: [121746] Woodpecker on 15 meters?
Message-ID: <20020310163518.1149.qmail@web14708.mail.yahoo.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii

Hi All,
I'm hearing a woopecker all across the cw part of 15
meters.
Don't tell me we're back to this again..
Anyone else hearing it?
73
Brad N8YG

Do You Yahoo!?
Try FREE Yahoo! Mail - the world's greatest free email!
<http://mail.yahoo.com/>

Date: Sun, 10 Mar 2002 06:48:14 -0500 (EST)
From: <n2go@arrl.net>
To: <qrp-1@Lehigh.EDU>
Subject: [121747] ORION
Message-ID: <Pine.LNX.4.33.0203100646220.544-100000@valhalla.v>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

One thing that I find very interesting is the variable roofing filter that
can be narrowed down to 250hz. That should provide amazing rejection of
interference.

73,

Jim n2go

Date: Sun, 10 Mar 2002 09:39:40 -0700
From: "Dave WR50" <dendav@dzn.com>
To: "Flying Pigs" <fpqrp-1@mpna.com>, "QRPL" <qrp-1@lehigh.edu>
Subject: [121748] [FOX] WR50 Truffle Announcement
Message-ID: <000501c1c852\$2e3b5b80\$9a6357d1@dwinfield>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

For the last installment of the 2001-2002 Truffle season, I have the honor of being the Truffle, beginning at 0130 Wednesday, March 13 (Tuesday evening local). It's the first part of an all Pesky Texan Flying Pig night, with Mike KD5KXF serving as the last Cub Fox for the season, and it kinda works as a preview for the Armadillo chasers.

To the organizers, the hunted and the hunters of the Foxii, Truffle and similar events: THANK YOU! It's been fun and/or frustrating, always educational and better than ANY video game :-D. I really appreciate being permitted the pleasure of serving as a Truffle.

Now, to get back to business...

Time: 0130Z to 0200Z, March 13, 2002 (Tuesday night local).

Place: Somewhere between 7.040 to 7.045, up 500 Hz to start, but no more than 1 kHz.

Speed: Around 16 wpm.

Exchange: urcall TU 559 TX DAVE 5W urcall BK.

Confirmation: urcall 00 DE WR50 QRZ?

The setup is an IC756PRO at 5 watts to a GAP Titan vertical up about 8 feet. I've worked *most* of the Fox/Truffle in the hunts I was present for with this combination.

Reminder: Mike KD5KXF will be the Cub Fox commencing at 0200Z (watch for his announcement for further details). Come on out and take your best shot! Good luck and may the propagation be with you.

Thank you all for another good season.

72/73 es oo,

Dave Winfield, WR50

El Paso, Texas DM61ts

<http://www.qsl.net/wr50>

FP# -109, SOC #371, ARS #996, Zombie #793, QRPp #328

Outgoing mail is certified Virus Free.

Checked by AVG anti-virus system (<http://www.grisoft.com>).

Version: 6.0.332 / Virus Database: 186 - Release Date: 3/6/02

Date: Sun, 10 Mar 2002 11:39:52 EST
From: K1epj@aol.com
To: qrp-l@lehigh.edu
Subject: [121749] RE: Woodpecker on 15 meters?
Message-ID: <198.3763dec.29bce658@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit

It's quite loud here on the east coast.
Dave K1EPJ

Date: Sun, 10 Mar 2002 11:42:55 -0500
From: Hank Kohl K8DD <k8dd@arrl.net>
To: n8yg@yahoo.com,
"Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>
Subject: [121750] Re: Woodpecker on 15 meters?
Message-ID: <5.1.0.14.2.20020310114141.0235ab50@mail.arenet.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

At 3/10/02 08:35 AM -0800, Brad Mitchell wrote:
>Hi All,
>I'm hearing a woopecker all across the cw part of 15
>meters.
>Don't tell me we're back to this again..
>Anyone else hearing it?
>73
>Brad N8YG

About 3 short pulses a second here in eastern MI.
Don't remember the old woodpecker being that slow of a pulse but it's
been a long time!

72/73 Hank K8DD

*/ Hank Kohl K8DD k8dd@arrl.net
*/ ARRL TS http://www.qsl.net/k8dd
*/ MI-QRP - Vice Pres. QRP-ARCI - Director
*/

If God intended you to be on single sideband, he would have given you only
one nostril.

- Steve, K2PTS

Date: Sun, 10 Mar 2002 11:51:13 -0500
From: "V Cortina" <vcortina@hvc.rr.com>
To: <k8dd@arrl.net>,
 "Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>
Subject: [121751] Re: Woodpecker on 15 meters?
Message-ID: <00bf01c1c853\$c9ebd040\$6401a8c0@hvc.rr.com>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Well, he's gettin', and slowing down like the rest of us.

----- Original Message -----

From: "Hank Kohl K8DD" <k8dd@arrl.net>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Sent: Sunday, March 10, 2002 11:42 AM
Subject: Re: Woodpecker on 15 meters?

> At 3/10/02 08:35 AM -0800, Brad Mitchell wrote:
> >Hi All,
> >I'm hearing a woopecker all across the cw part of 15
> >meters.
> >Don't tell me we're back to this again..
> >Anyone else hearing it?
> >73
> >Brad N8YG
>
>
> About 3 short pulses a second here in eastern MI.
> Don't remember the old woodpecker being that slow of a pulse but it's
> been a long time!
>
> 72/73 Hank K8DD
>
>
> */ Hank Kohl K8DD k8dd@arrl.net
> */ ARRL TS http://www.qsl.net/k8dd
> */ MI-QRP - Vice Pres. QRP-ARCI - Director
> */

> If God intended you to be on single sideband, he would have given you only
> one nostril.
> - Steve, K2PTS
>
>
>

Date: Sun, 10 Mar 2002 10:59:26 -0600
From: "N1LN" <n1ln@earthlink.net>
To: "K5VUU - George" <k5vuu@arrl.net>, "QRP-L" <qrp-l@lehigh.edu>
Subject: [121752] Pesky Texan Armadillo Chase - Update (Sunday March 10)
Message-ID: <017d01c1c854\$f082da40\$89a0fea9@im02>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="Windows-1252"
Content-Transfer-Encoding: 7bit

Hey there all you "chasers" - the event you have been waiting for is even
closer.

"PESKY TEXAN ARMADILLO CHASE"

Mark your calendars and warm up your radios ! ! !

UPDATED INFO:

1. As this is a QRP contest, the HOUNDS must be running
QRP to qualify for the certificate. Note update to HOUND POWER ! !

2. Check us out on the WEB:

> <http://www.contesting.com/links/>

> <http://www.k5vuu.com/ptac>

As logs are sent in they will be posted on the above link. Look for
them as "HOT LINKS" from the Armadillo Roster page.

NEXT WEDNESDAY NIGHT - MARCH 13th.

Date: March 13, 2002
Day: Wednesday
Time: 20:00 CST - 22:00 CST
Freq: 7.030 - 7.055 (approximate)

Power: Armadillos = 5 w

Hounds = 'your choice' - (but to qualify for the certificate
no more than 5w)

Exchange: <Call><RST><State><Name><Power><Call> BK

note: Call = the Hound's call

The Armadillos will call: CQ ARM CQ ARM

As of now we will have 20 Armadillos -

Armadillo Roster:

1. W5USJ (Chuck)
2. K10J (OJ)
3. NM5M (Eric)
4. W5HNS (Henry)
5. K5NZ (Mike)
6. N5BE (Danny)
7. W5YR (George)
8. W5MJ (Madison)
9. N3ET (Bob)
10. AF5Z (Bob)
11. N5TU (Earl)
12. N1LN (Bruce)
13. K5ZTY (Bill)
14. KQ5U (Terry)
15. WF5W (Cal)
16. K5LN (Bill)
17. W5SB (Bill)
18. KK5LD (Dan)
19. W5PF (Paul)
20. KD5KXF (Mike)

Sponsored by:

NARS - Northwest Amateur Radio Society of Houston, Texas.
<http://www.w5nc.org/>

and

Team Cramp Contest Club <http://www.teamcramp.com>

Coordinator: N1LN - Bruce n1ln@arrl.net

RULES:

The Hounds, running 5w or less, that work all Pesky Texan Armadillos qualify for the official WORKED ALL PESKY TEXAN ARMADILLOS certificate. If actual Armadillo count is less than 20 - a sweep will be "worked all Armadillos actually on the air" !!

If you want a certificate - send \$ 1.00 and a copy of your log to my CBA (call book address).

Bruce Meier - N1LN
15283 Runnymede St.
Conroe, TX 77384

First and Second place HOUNDS will win an official TEAM CRAMP CONTEST CLUB <http://www.teamcrapm.com> tee shirt donated by K5NZ - Mike - one of the Armadillos. The first and second place Hounds will be decided by the earliest completion time for the final QSO with all 20 Armadillos. The times will be verified by the Armadillo logs.

Armadillo Scoring:

The Armadillos are trying to work as many Hounds as possible - and their scores will be calculated based on the following - - - - -

- > 1 point / QSO for Q's with Hounds running 3w or more
- > 3 points / QSO for Q's with Hounds running 1 - 2 watts
- > 5 points / QSO for Q's with Hounds running less than 1 watt
- > 10 points / QSO for DX Hounds (excluding Canada)

- > First QSO with a new state / province / DX country = multiplier

SCORE: (QSO Points) x Multipliers = Total Score

The ARMADILLO with the highest score will win the Pesky Texas Armadillo Chase plaque. 2nd and 3rd Place Certificates will also be awarded.

PLEASE NOTE THE FOLLOWING - Armadillos don't work other Armadillos for points. QSOs with other official 'Pesky' Armadillos don't qualify for points.

If you have any questions - send me an email -

n1ln@arrl.net

72 - and KEEP THAT DATE OPEN ! !

Bruce - N1LN

Date: Sun, 10 Mar 2002 11:36:14 -0600
From: "George, W5YR" <w5yr@att.net>
To: ae5x@qsl.net
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [121753] Re: TenTec Orion & 60m band proposal
Message-ID: <3C8B998E.FF8255F4@att.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Sounds good to me! My two 88 ft 20-meter Extended Double Zepps would feel right at home there! <:}

73/72/oo, George W5YR - the Yellow Rose of Texas
Fairview, TX 30 mi NE of Dallas in Collin county EM13qe
Amateur Radio W5YR, in the 56th year and it just keeps getting better!
QRP-L 1373 NETXQRP 6 SOC 262 COG 8 FPQRP 404 TEN-X 11771 I-LINK 11735
Icom IC-756PRO #02121 Kachina 505 DSP #91900556 Icom IC-765 #02437

All outgoing email virus-checked by Norton Anti-Virus 2002

John Harper AE5X wrote:

>

> Only about 89 feet for a 1/2-wave dipole.

Date: Sun, 10 Mar 2002 12:45:00 -0500
From: "Mark J. Dulcey" <mark@buttery.org>
To: n2go@arrl.net
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [121754] Re: ORION
Message-ID: <3C8B9B9C.6090907@buttery.org>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii; format=flowed
Content-Transfer-Encoding: 7bit

n2go@arrl.net wrote:

> One thing that I find very interesting is the variable roofing filter that
> can be narrowed down to 250hz. That should provide amazing rejection of
> interference.

Well, it isn't really a "roofing filter" in the conventional sense, since it appears that the Orion doesn't use up-conversion. And it's not a "variable filter"; it's a choice of up to six regular fixed-bandwidth filters. The Ten-Tec site isn't specific, but I'm guessing that the Orion is a dual-conversion design; the first IF is likely the usual 9 MHz that Ten-Tec uses in other radios, and the second IF is some low frequency where the DSP operates.

Another nice touch is the general coverage second receiver. You get (almost) the best of possible worlds; a strong amateur-band receiver and a general-coverage receiver in the same rig. (Better still would be a general-coverage receiver with sharp front-end filtering, but that's even tougher; you really have to use up-conversion for full general coverage, and it's very difficult to make narrow bandwidth filters that work at frequencies above 30 MHz.) My guess would be that the second receiver is a typical up-conversion design (to some IF above 30 MHz) with a wide roofing filter; then you go down to a low frequency second IF with its DSP.

With all that processor power available, bells and whistles are easier to implement. And it looks like they've thought of all of them: spectrum analyzer, stereo receive, DSP noise blanker and noise reduction, and even a built-in voice keyer. Plus a few new ones: diversity reception, adjustable CW keying waveforms, programmable AGC.

Finally, the adjustable SSB transmit bandwidth suggests that they're

doing the SSB generation by the phasing method, using the DSP to generate the 90 degree phase shift and limit the audio bandwidth. That can yield better sounding audio than the filter method, and (if anyone cares) audio response to lower frequencies.

In any case, it looks like the Orion might be a DSP-based radio that doesn't suffer the compromised dynamic range of other DSP designs, because of the sharp filtering available at the first IF. If they've done things right, the Orion will be a radio to watch out for. \$3,300 is a lot of money, but it's not out of line with the price of high-end Yaecomwood stuff.

Date: Sun, 10 Mar 2002 12:47:22 -0500
From: <duffy01@fuse.net>
To: fantbb@yahoo.com,
 "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [121755] Re: PSK31 is not all it's cracked up to be
Message-ID: <20020310174959.DJU967.mta01.fuse.net@smtp.fuse.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: 7bit

With my TenTec Jupiter and all the DSP filters and PBT, I can pretty much tune out the offending PSK signals. QRM from strong signals is not so much a problem with this radio.

Duffy
<http://www.wb8nut.com>

>
> From: Jeff <fantbb@yahoo.com>
> Date: 2002/03/10 Sun AM 10:06:46 EST
> To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
> Subject: Re: PSK31 is not all it's cracked up to be
>
>
> --- John <jlockj@earthlink.net> wrote:
> > Some of the frustration operating QRP PSK31 is due
> > to using receiver IF
> > bandwidths greater than 250 Hz. With the popularity
> > of this mode, there's a
> > high likelihood of strong adjacent signals knocking
> > out the desired signals

> > when using 2.4 kHz or even 500 Hz IF filters.
>
> Hmmm, that is an interesting point! That would explain
> signals disappearing that I have seen happen. I'll put
> in some filtering and see what happens.
>
> jeff
>
> =====
> AB6MB
> NorCal QRP Club #65, QRP-L #1780, ARCI 10071
> Radical FIST Member 6798
>
> -----
> Do You Yahoo!?
> Try FREE Yahoo! Mail - the world's greatest free email!
> <http://mail.yahoo.com/>
>

Date: Sun, 10 Mar 2002 10:59:49 -0700
From: William R Colbert <w5xe@juno.com>
To: qrp-l@lehigh.edu
Subject: [121756] Re: Woodpecker on 15 meters?
Message-ID: <20020310.105950.-390909.9.w5xe@juno.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

I don't think it's a woodpecker as most of the sites
were shut down some years ago and even the U.S.
sites are only turned on for testing of equipment
and not for long periods of time - no money
allocated to run them, and when operational
they operate over a very narrow range and
they tend to be outside the amateur bands.
I suspect that it may be, as I indicated in a posting
Friday, one of the oceanic mapping systems that
has caused some problems in recent months and
they don't seem to respond to government complaints.
It would be nice to find the central frequency but ...

73

Ray

A penny saved is a government oversight.

Ray Colbert, W5XE, 00TC#3618, SOWP#1064M
NARTE-NCT2R FP# 111, SOC#78,QRP-ARCI 5784,
El Paso,(FAR WEST)TEXAS

Date: Sun, 10 Mar 2002 13:06:39 -0500
From: "John J. McDonough" <wb8rcr@arrl.net>
To: <wkhibbert@juno.com>,
"Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>
Subject: [121757] Re: PSK31 is not all it's cracked up to be
Message-ID: <003a01c1c85e\$b42fd840\$010044c0@chartermi.net>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

----- Original Message -----
From: <wkhibbert@juno.com>
Subject: Re: PSK31 is not all it's cracked up to be

> It seems to be more of an AGC problem than a software problem.

Exactly. I suspect most folks are doing their PSK with an SSB rig, which 90% of the time is going to be a Yaecomwood. Many of these don't give a choice of turning off the AGC. I would imagine that something like the Warbler may be better from this perspective. The spurious responses coming from too strong a signal are likely to be a lot less disruptive to the software than the signal disappearing due to the AGC.

I can make some headway on this on my Icom by plugging in the filters, but then I can only see a little window, and the software becomes a lot less convenient.

The other little gotcha is that a lot of the rice box rigs have DSPs that will whack out heterodynes in SSB mode. This is a great convenience on phone but forget to turn it off and it will eventually fixate on the PSK signal you're trying to copy.

72/73 de WB8RCR <http://www.qsl.net/wb8rcr>
didileydadidah QRP-L #1446 Code Warriors #35

Date: Sun, 10 Mar 2002 13:12:26 -0500
From: "Richard Brummer, K2JQ" <k2jq@rcn.com>

To: <ae5x@qsl.net>,
"Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>
Subject: [121758] Re: TenTec Orion & 60m band proposal
Message-ID: <014c01c1c85f\$25c1f100\$0300a8c0@RichardE.Brummer.rcn.com>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

-----Original Message-----

From: John Harper AE5X <ae5x@qsl.net>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Date: Sunday, March 10, 2002 10:55 AM
Subject: TenTec Orion & 60m band proposal

>Sounds like an interesting rig but even more interesting is the ad's
>mention of the possibility of a new band soon being available (60
>meters).

Maybe they know something we don't (?)

>Online information of the status of this proposal is scarce but
>I sure hope it becomes a reality. Looks like the specific freq
>range under consideration is from 5150-5400 kHz. I bet it'd be
>a great QRP band...

How about a proposal for a 5-watt limit ?

73
Dick K2JQ

Date: Sun, 10 Mar 2002 11:12:13 -0700
From: William R Colbert <w5xe@juno.com>
To: qrp-l@lehigh.edu
Subject: [121759] Re: Orion - variable filter
Message-ID: <20020310.111214.-390909.10.w5xe@juno.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

One of the things I discovered when I got my 570
in January was that upon installing the 500 hz cw

filter and activating the filter switch, it would go from 2 khz down to 50hz at the touch of the knob. A very nice feature and often the 250 Hz position is just not quite narrow enough, which is skipped in the 570, 300 then 200 hz, 150, etc. Makes it nice to operate in a noisy situation such as I have even tho the noise blanker is a button with no function.

So, it appears that from looking at the photo of Orion, a cross between the Yaesu 1000, Icom 746/756 with the little optional items of Kenwood. A trueYaecomwood? Interesting device.

Ray Colbert, W5XE, 00TC#3618, SOWP#1064M
NARTE-NCT2R FP# 111, SOC#78,QRP-ARCI 5784,
El Paso,(FAR WEST)TEXAS

Date: Sun, 10 Mar 2002 12:37:41 -0600
From: Dave Sjolín <sjolin@swbell.net>
To: w5xe@juno.com
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [121760] Re: Woodpecker on 15 meters?
Message-ID: <3C8BA7F5.43CC4763@swbell.net>
MIME-version: 1.0
Content-type: text/plain; charset=us-ascii
Content-transfer-encoding: 7BIT

William R Colbert wrote:

>
> I don't think it's a woodpecker as most of the sites
> were shut down some years ago and even the U.S.
> sites are only turned on for testing of equipment
> and not for long periods of time - no money
> allocated to run them, and when operational
> they operate over a very narrow range and
> they tend to be outside the amateur bands.
> I suspect that it may be, as I indicated in a posting
> Friday, one of the oceanic mapping systems that
> has caused some problems in recent months and
> they don't seem to respond to government complaints.
> It would be nice to find the central frequency but ...

Some over in Europe are saying its a British over the horizon radar staion on the island of Cyprus.

The signal has been on fifteen for at least three or four days.

73 de Dave, N0IT

Date: Sun, 10 Mar 2002 13:43:43 -0500
From: "Mark J. Dulcey" <mark@buttery.org>
To: k2jq@rcn.com
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [121761] Re: TenTec Orion & 60m band proposal
Message-ID: <3C8BA95F.1040002@buttery.org>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii; format=flowed
Content-Transfer-Encoding: 7bit

Richard Brummer, K2JQ wrote:

> -----Original Message-----
> From: John Harper AE5X <ae5x@qsl.net>
> To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
> Date: Sunday, March 10, 2002 10:55 AM
> Subject: TenTec Orion & 60m band proposal
>
>
>
>>Sounds like an interesting rig but even more interesting is the ad's
>>mention of the possibility of a new band soon being available (60
>>meters).
>>
>
> Maybe they know something we don't (?)

There was a news story on arrl.org about the proposed band a while back:

<http://www.arrl.org/news/stories/2001/05/14/3/>

There doesn't appear to be a relevant agenda item on the slate of the WRC (web site: <http://www.fcc.gov/wrc-03/>). The FCC might attempt to put a proposal into their response to agenda item 1.3 ("future advanced solutions to meet the needs of public protection agencies"); the FCC has not yet written a response to that agenda item.

There is an agenda item, 1.23, for realignment of the 40 meter band. The FCC favors a 300 kHz exclusive allocation for the amateur service. Their response doesn't specifically call for allocation of 7.0-7.3 MHz, so we could possibly see a different allocation.

Agenda item 1.36 ("examine the adequacy of the frequency allocations for HF broadcasting from about 4 MHz to 10 MHz") also bears watching for its potential bad effects on the amateur service. The FCC response mentions 1.23 as being related, and calls only for "study" of the situation.

Date: Sun, 10 Mar 2002 13:57:52 -0500
From: "Pastor-KC1DI" <elbc@pivot.net>
To: <n8yg@yahoo.com>,
"Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [121762] Re: Woodpecker on 15 meters?
Message-ID: <000f01c1c865\$7c183d60\$aca8ba42@dor>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

----- Original Message -----
From: "Brad Mitchell" <n8yg@yahoo.com>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Sent: Sunday, March 10, 2002 11:35 AM
Subject: Woodpecker on 15 meters?

> Hi All,
> I'm hearing a woopecker all across the cw part of 15
> meters.
> Don't tell me we're back to this again..
> Anyone else hearing it?
> 73
> Brad N8YG
Been hearing it here in Maine for about 4 days now.. quite annoying.. but
Still been able to make plenty of qsos.
73 Dave

Outgoing mail is certified Virus Free.
Checked by AVG anti-virus system (<http://www.grisoft.com>).
Version: 6.0.333 / Virus Database: 187 - Release Date: 3/8/02

Date: Sun, 10 Mar 2002 10:57:57 -0800 (PST)
From: Brad Mitchell <n8yg@yahoo.com>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [121763] Re: Woodpecker on 15 meters?
Message-ID: <20020310185757.55537.qmail@web14703.mail.yahoo.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii

If you listen about 21.108 plus or minus few kHz,
it isn't a cointinuous clicking, but starting , and
stopping in a random beat.

73

Brad N8YG

Do You Yahoo!?
Try FREE Yahoo! Mail - the world's greatest free email!
<http://mail.yahoo.com/>

Date: Sun, 10 Mar 2002 14:26:48 -0500
From: Jim Campbell <jim-c@nc.rr.com>
To: n8yg@yahoo.com
Cc: Low Power Amateur Radio Discussion <qrp-1@lehigh.edu>
Subject: [121764] Re: Woodpecker on 15 meters?
Message-ID: <3C8BB378.A53148BC@nc.rr.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

I find that it completely disappears just above 21.110 Mhz.

Jim W4BQP

Brad Mitchell wrote:

>

> If you listen about 21.108 plus or minus few kHz,
> it isn't a cointinuous clicking, but starting , and
> stopping in a random beat.

Date: Sun, 10 Mar 2002 14:29:10 -0500
From: "Jason Hissong" <jhissong1@columbus.rr.com>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>

Subject: [121765] Re: Woodpecker on 15 meters?
Message-ID: <008e01c1c869\$dad073a0\$6501a8c0@caladan>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Yep, here in Ohio... what's the story behind this? Sounds like this is an old problem...

Jason

----- Original Message -----

From: <K1epj@aol.com>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Sent: Sunday, March 10, 2002 11:39 AM
Subject: RE: Woodpecker on 15 meters?

>
> It's quite loud here on the east coast.
> Dave K1EPJ
>

Date: Sun, 10 Mar 2002 15:06:34 EST
From: ARDUJENSKI@aol.com
To: qrp-1@lehigh.edu
Subject: [121766] Get our bearings
Message-ID: <153.a32e975.29bd16ca@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit

To me it just seems a little too convenient that interference on the bands is attributed to jammers in the middle East. I would like to see folks with beams on the various coasts including the gulf coast could triangulate on some of these so called jammers to verify location. These occurring during QRP contests sure seems odd.

As a practice we could pick a station or beacon and run a test on how accurate we might be.

Just my 2 cents--Alan KB7MBI

Date: Sun, 10 Mar 2002 14:04:54 -0600
From: "Pat J. Whelton" <pwhelton@hal-pc.org>
To: <qrp-1@lehigh.edu>
Subject: [121767] K1- Fitting Sizes
Message-ID: <019901c1c86e\$d953f380\$0d71fea9@halpc.org>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Can someone with a K-1 give me the sizes/style of the following fittings?

1. Earphone jack
2. Keyer jack
3. RF-Out
4. Power-In

Thanks,
Pat - KZ5J

Date: Sun, 10 Mar 2002 15:10:26 -0500
From: W2AGN <w2agn@pobox.com>
To: ARDUJENSKI@aol.com,
 Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [121768] Re: Get our bearings
Message-ID: <02031015102610.02221@jsielke>
MIME-version: 1.0
Content-type: text/plain; charset=iso-8859-1
Content-transfer-encoding: 7BIT

On Sunday 10 March 2002 15:06, ARDUJENSKI@aol.com wrote:
> To me it just seems a little too convenient that interference on the bands
> is attributed to jammers in the middle East. I would like to see folks with
> beams on the various coasts including the gulf coast could triangulate on
> some of these so called jammers to verify location. These occurring during
> QRP contests sure seems odd.
>
> As a practice we could pick a station or beacon and run a test on how
> accurate we might be.
>
> Just my 2 cents--Alan KB7MBI

--

Oh, I dunno, Alan. What better way for Osama bin Laden to destroy the morale of Americans, than to interfere with QRP contests?
;-)

John L Sielke W2AGN
w2agn@pobox.com
<http://mywebpages.comcast.net/w2agn>
Trustee: W3IYQ

Date: Sun, 10 Mar 2002 14:14:23 -0600
From: Marcus C Leatham <leatham1@juno.com>
To: pedecaire@email.msn.com
Cc: qrp-l@lehigh.edu
Subject: [121769] Re: Binaural Receivers
Message-ID: <20020310.141424.1696.2.leatham1@juno.com>
MIME-Version: 1.0
Content-Type: text/plain
Content-Transfer-Encoding: 7bit

Philip:

Ah, this is the kind of description I was looking for!

I had forgotten that it uses a DC receiver.
I have an old Ten Tec Century 21. It would really
be cool to add binaural reception to it!

I'm going for the schematics right now!

Thanks!
Marcus KR5N

On Sun, 10 Mar 2002 11:32:12 -0800 "PHILIP DECAIRE"
<pedecaire@email.msn.com> writes:
> Marcus -
>
> You have the basic idea of what you'd hear, but to hear the actual
> thing is somewhat breathtaking. Its like going from mono to stereo.
> All of a sudden the "world" opens up.

Date: Sun, 10 Mar 2002 15:28:58 -0500
From: John R Kirby <n3aaz-qrp@juno.com>
To: qrp-1@Lehigh.EDU
Subject: [121770] Re: PSK31 is not all -- any diff due to hardware/software?
Message-ID: <20020310.152912.-212703.1.n3aaz-qrp@juno.com>
MIME-Version: 1.0
Content-Type: text/plain
Content-Transfer-Encoding: 7bit

>>If anything, the differences are more likely in the software than in
the
>>hardware. Before Digipan, the original PSK31 software was challenging
to use,
>>to say the least.

Again that is subjective . . .

Want to walk on the wild side ?
Want a challenge
Want flexibility ?
Want filters ?
Want to 'roll ur own' ?
Want BITE (built in >software< test equipment) ?
Yep CW too ! ! !

Try SpectrumLab . . .
Google will show you where to find it . . .

72
John
N3AAZ
FM 19 xa

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<http://dl.www.juno.com/get/web/>.

Date: Sun, 10 Mar 2002 13:55:16 -0700
From: "Rod N0RC" <rod@n0rc.com>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>

Subject: [121771] GOT DX?
Message-ID: <001301c1c875\$e2acaa60\$6401a8c0@greyrock>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

17m is happening!

SP4JWR, C08LY & Z34A all within the last hour, ~2000-2100z

Also check 12m worked S51UR earlier.

73, Rod N0RC
Ft Collins, CO

Date: Sun, 10 Mar 2002 21:01:05 -0000
From: tf3vst@vortex.is (Villi Idunni)
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [121772] RE: Woodpecker on 15 meters?
Message-ID: <MABBIDG00GFJFPNLPCNDCEKLD BAA.tf3vst@vortex.is>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

In Iceland it is abt S5-7 now :-(
72 de Villi TF3VS

Date: Sun, 10 Mar 2002 16:11:19 +0000
From: Gary Lee <kb9zuv@arrl.net>
To: qrp-1@lehigh.edu
Subject: [121773] multiband dipole question
Message-ID: <3.0.6.32.20020310161119.007d6bb0@mailhost.ind.ameritech.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Want to put up a multiband dipole. Have seen one made of 5-conductor roter wire. However, can't find this anywhere. Can use separate wires, but don't know what to use for spacers.

Any suggestions helpful.

Gary Lee
kb9zuv

Date: Sun, 10 Mar 2002 16:01:11 -0500
From: nilsbull@juno.com
To: QRP-L@lehigh.edu
Subject: [121774] PSK & them other digits
Message-ID: <20020310.160745.-201083.0.nilsbull@juno.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Gang,

Ah, let me "weigh in" on this one! Even if it is a day late.

I have all kinds of digital/sound-card software on this clunker. I've used each of 'em at least once. Some are fun, some overheat the radio. Some may have been responsible for the last (fourth) blow up of the amplifier that someone's gonna get for free. But each of the digital/sound-card modes that I've used have been a kick.

Look at it this way: PSK & Stream/Piccolo & all that are outgrowths of two things: a big-time revolution in the advance of computer/software/hardware technology & a big-time revolution in the needs of military communications technology. Add to that the sudden disappearance of a need for BIG BOXES of stuff to send, receive, encrypt, decode, decypher & acquire signals that fade & drop & wiggle. Makes it pretty easy to see that we're livin' in a time of considerable technological stumbling.

Big time users of this tech, like the military, government & "hidden in a vault under a mountain" types (including them what we ain't sure about loyalty-wise) run big power & have the technology added on to other levels of security. Can't hear the message if the messenger can't deliver the message.

For them what's big-time about it, it's big business.

You and me & the guy down the block get to play with it. So I figure now and then a Q using Hellschreiberei is pretty cool. And RTTY is a blast

now that my soundblaster has replaced a huge UGC6, various FSK doodads & a URC32a. I can sit here and blow up transistors all day & still have room to try out for a Britney Spears back-up dancer (with a tip of the hat to Louis Black).

So what if it don't get you duro. It's a hobby, dagnabit!

Frontal Lobe off! Resume cluelessness tracking. As you were.

73

Nils

Nils R. Bull Young -- El Gringo Errante --
La Estancia de los Guajolotes Sonrientes -- W8IJN --
<http://w8ijn.tripod.com>
"The island is closer than your memories are." -- Ian G. Bull Young, 11
Feb 2002

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<http://dl.www.juno.com/get/web/>.

Date: Sun, 10 Mar 2002 15:41:09 -0600
From: Glen Reid <k5fx@arrl.net>
To: QRP-1 <qrp-1@Lehigh.EDU>
Subject: [121775] Woodpecker? Azimuth?
Message-ID: <3C8BD2F5.DC4155B4@arrl.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Can anybody get a bearing on this thing. Be sure to mention your location, too Azimuth.

gr

--

GLEN (Just Call Me "Buck") REID
...in the beautiful hill country of TEXAS...
Email: k5fx@arrl.net

"The difference between genius and stupidity is that genius has its limits"

Date: Sun, 10 Mar 2002 15:02:58 -0700
From: "Rod N0RC" <rod@n0rc.com>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>,
<pwhelton@hal-pc.org>
Subject: [121776] Re: K1- Fitting Sizes
Message-ID: <000301c1c87f\$573e0a50\$6401a8c0@greyrock>
MIME-Version: 1.0
Content-Type: text/plain;
charset="Windows-1252"
Content-Transfer-Encoding: 7bit

See below...

73, Rod N0RC
Fort Collins, CO

----- Original Text -----

Subject: K1- Fitting Sizes
From: Pat J. Whelton (pwhelton@hal-pc.org)
Date: Sun Mar 10 2002 - 15:04:54 EST

>

> Can someone with a K-1 give me the sizes/style of the following
fittings?

>

> 1. Earphone jack

3.5mm (1/8") stereo phone jack

> 2. Keyer jack

3.5mm (1/8") stereo phone jack

> 3. RF-Out

BNC

> 4. Power-In

2.1/5.5mm

Date: Sun, 10 Mar 2002 17:07:05 -0500
From: "Larry Przyborowski" <k3peg@yahoo.com>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>,
<njqrp@njqrp.org>
Subject: [121777] Re: Cap Kits
Message-ID: <009401c1c87f\$ea9c5400\$6401a8c0@longh101.md.comcast.net>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Hi gang,

A large number of us has purchased and received the recent capacitor kit offered by NorCal. The kit contains a good amount of quality capacitors. However, these caps are supplied banded together like mini-bandoliers or clips of ammo. Getting the caps removed from the banding appears to be a challenging task...

But wait! Here's my method for their removal that takes the drudgery out of the task.

It's simple. Get a 9"x9"x2" baking dish, and add warm water into it to a depth of 1". Place the "bandoliers" of capacitors into it standing upright with their paper banding submerged.

Now you walk away for an a few hours, and let the water do the work. The paper will become very soft, and thus allow you to peel the masking tape (with capacitors still attached) from it. Then, by grasping the tape near one side of each capacitor's leads you'll be able to pull the cap away (fairly easily) from the tape.

You'll see that some of the adhesive will remain on the cap's lead(s), however it can be removed by scraping with one's fingernails or by wiping the leads with a paper napkin moistened with odorless mineral spirits (paint thinner/remover).

72/73, Larry - K3PEG

Do You Yahoo!?
Get your free @yahoo.com address at <http://mail.yahoo.com>

